

#1 Snap-Latch Lock Assembly Instructions

IMPORTANT:

If your door is already attached to an automatic garage door opener and/or operational, be sure to disengage the opener and place a C-clamp in the track just above one of the rollers before beginning work. This will keep the door from moving while you are working on the lock. If your door is going to be equipped with an automatic garage door opener, make sure that the door is always unlocked when the operator is being used. This will avoid damage to the door.

Contents:

Steps 1–5 for Insulated Steel Sandwich Doors	p. 1
Steps 1–5 for Single Skin Steel Doors	p. 2
Steps 1–5 for Wood Doors	p. 3
Steps 6–11 for All Doors	p. 4

NOTE: Steps L1 through L5 should be performed while section #2 is on the sawhorses. The spring latches, striker plates and lock cables (Steps L6 through L11) are to be assembled after the door and track have been installed.

1-3/8" and 2" Thick Insulated Double Skin Steel Sandwich Doors

PARTS LIST – Double Skin Steel Sandwich Doors – Figs. A-1 & A-2

No.	Qty.	Description
1	1	Outside T-handle
2	1	Backing Plate
3	2	#10-24 Machine Screws
4	1	Inside Release Handle
5	1	Push Nut
6	1	Vinyl Sleeve
7	2	Spacer Tubes (1-3/8" Doors Only)
8	1	Rubber Gasket
9	2	Striker Plate
10	6	1/4"-20 x 5/8" Track Bolt
11	6	1/4"-20 Hex Flange Nut
12	2	Spring Latch
13	4	#14 x 5/8" Sheet Metal Screw
14	1	Lock Cable (To Be Cut)
15	2	Cable Stop (Preattached)

Step L1-A: If lock holes are not already present in your door, you must drill them manually according to the template given in Fig. D. The lock must be aligned horizontally with the column of hinges nearest to the center of the door. When the sections are stacked, the middle lock hole must be aligned vertically with the rectangular lock slots in the vertical track. To do this, measure the distance from the bottom of the vertical track to the bottommost lock slot. Subtract from this distance the height of the bottom door section. This will give you the distance from the bottom of the lock section to the drilling location of the middle lock hole.

NOTE: All holes must be drilled from the outside through the door with a sharp hole saw to ensure a clean cut. Use care to prevent damaging the door.

Step L2-A: Slide the outside T-handle (1) first through the gasket (8), and then through the holes in the lock section along with the two lock spacers (1-3/8" thick doors only) (7).

Step L3-A: Attach the backing plate (2) to the outside T-handle using two #10 x 24 machine screws (3).

Step L4-A: Slide the inside release handle (4) over the shaft of the outside handle and secure in place using the push nut (5). Be sure the push nut is pressed firmly against the inside release handle.

Step L5-A: Slide the vinyl sleeve (6) over the arm of the inside release handle.

Return to Step 9 in the MANUAL and finish installing the door before proceeding to Step L6 on page 4 of this supplement.

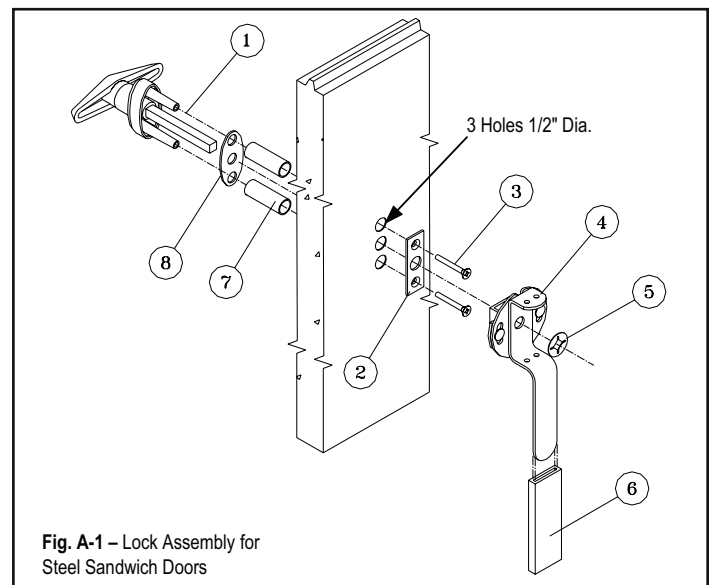


Fig. A-1 – Lock Assembly for Steel Sandwich Doors

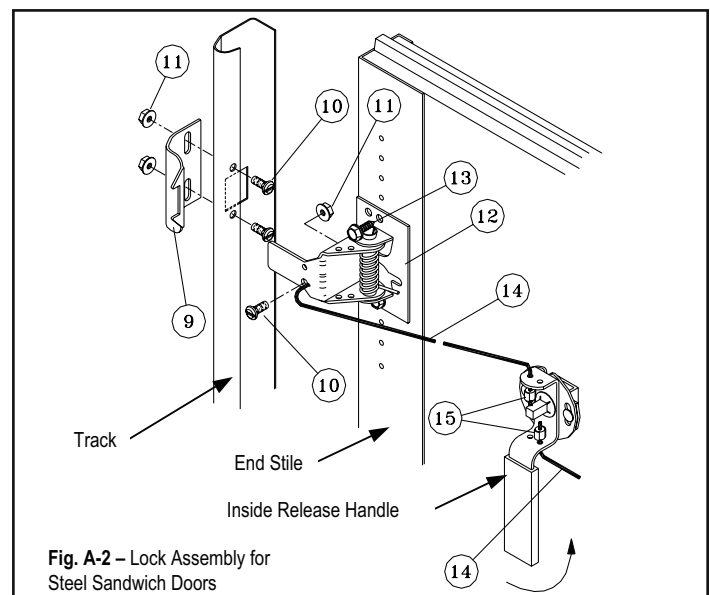


Fig. A-2 – Lock Assembly for Steel Sandwich Doors

FR Français

La version française de ce supplément peut être accédée en ligne à l'adresse suivante : <http://www.clopaydoor.com/installation-manuals.aspx>

ES Español

Se puede acceder a la versión en español del presente suplemento en la siguiente dirección: <http://www.clopaydoor.com/installation-manuals.aspx>

2" Thick Insulated and Uninsulated Single Skin Steel Doors

PARTS LIST – Single Skin Steel Doors – Figs. B-2 & B-3		
No.	Qty.	Description
1	1	Outside T-handle
2	1	Foam Gasket
3	2	Lock Spacers
4	1	Backing Plate
5	2	#10-24 Machine Screws
6	1	Inside Release Handle
7	1	Push Nut
8	1	Vinyl Sleeve
9	2	Striker Plate
10	6	1/4"-20 x 5/8" Track Bolt
11	6	1/4"-20 Hex Flange Nut
12	2	Spring Latch
13	4	#14 x 5/8" Sheet Metal Screw
14	1	Lock Cable (To Be Cut)
15	2	Cable Stop (Preattached)

Step L1-B: Locate the lock stile. This stile either has prepunched lock holes or numbered knockout tabs. Different knockouts may be present for different types of doors. Both types are shown in Fig. B-1. If knockout tabs are present, use a flat head screwdriver and a hammer to strike the appropriate tabs for the #1 lock.

NOTE: Be sure to support the section from underneath prior to removing knockouts.

If lock holes are not already present, you must drill them manually according to the template given in Fig. D. The lock must be on the stile nearest to the center of the door. When the sections are stacked, the middle lock hole must be aligned vertically with the rectangular lock slots in the vertical track. To do this, measure the distance from the bottom of the vertical track to the bottommost lock slot. Subtract from this distance the height of the bottom door section. This will give you the distance from the bottom of the lock section to the drilling location of the middle lock hole.

NOTE: All holes must be drilled from the outside through the door with a sharp hole saw to ensure a clean cut. Use care to prevent damaging the door.

Step L2-B: Slide the outside T-handle (1) first through the gasket (2), then through the holes in the lock section. Slide the two lock spacers (3) through the top and bottom holes of the lock stile and over the spindles of the outside handle.

Step L3-B: Attach the backing plate (4) to the outside T-handle using two #10 x 24 machine screws (5).

Step L4-B: Slide the inside release handle (6) over the shaft of the outside handle and secure in place using the push nut (7). Be sure the push nut is pressed firmly against the inside release handle.

Step L5-B: Slide the vinyl sleeve (8) over the arm of the inside release handle.

Return to Step 9 in the MANUAL and finish installing the door before proceeding to Step L6 on page 4 of this supplement.

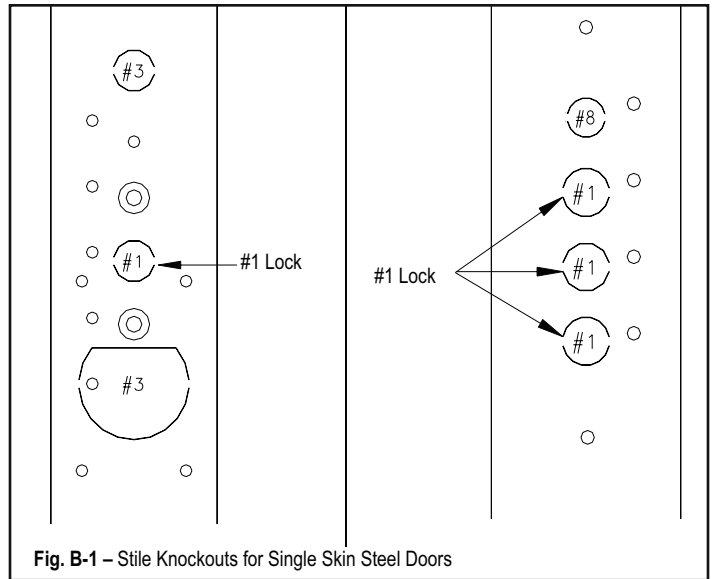


Fig. B-1 – Stile Knockouts for Single Skin Steel Doors

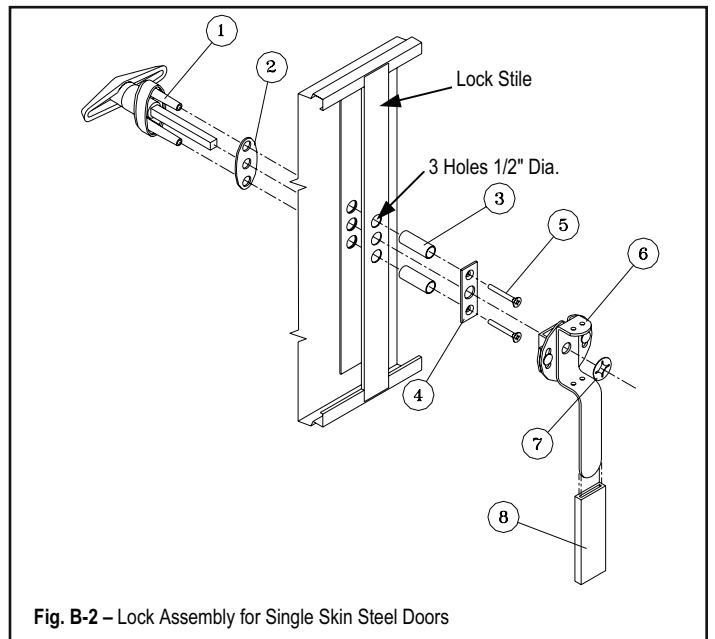


Fig. B-2 – Lock Assembly for Single Skin Steel Doors

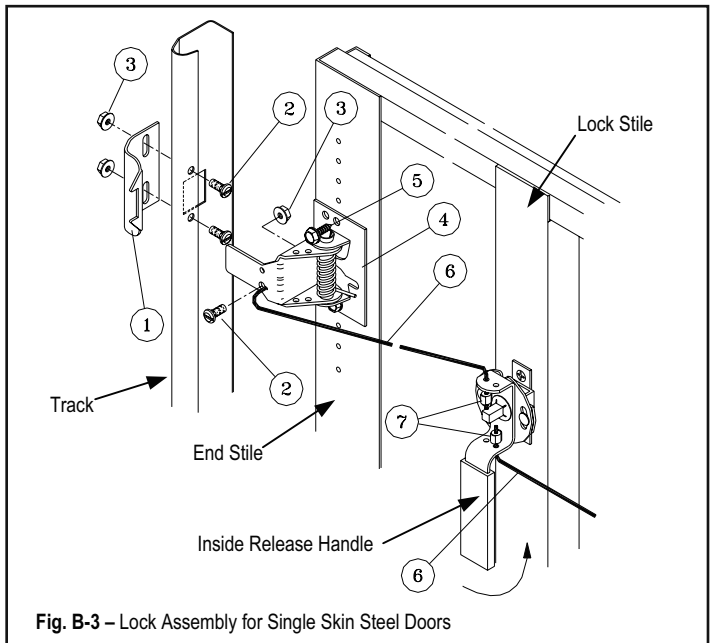


Fig. B-3 – Lock Assembly for Single Skin Steel Doors

Wood Doors

PARTS LIST –Wood Doors – Figs. C-1 & C-2		
No.	Qty.	Description
1	1	Outside T-handle
2	1	Backing Plate
3	2	#10-24 Machine Screws
4	1	Inside Release Handle
5	1	Push Nut
6	1	Vinyl Sleeve
7	2	Striker Plate
8	6	1/4"-20 x 5/8" Track Bolt
9	6	1/4"-20 Hex Flange Nut
10	2	Spring Latch
11	4	1/4" x 1" Lag Screw
12	1	Lock Cable (To Be Cut)
13	2	Cable Stop (Preattached)

Step L1-C: If lock holes are not already present in your door, you must drill them manually according to the template given in Fig. D. The lock must be aligned horizontally with the column of hinges nearest to the center of the door. When the sections are stacked, the middle lock hole must be aligned vertically with the rectangular lock slots in the vertical track. To do this, measure the distance from the bottom of the vertical track to the bottommost lock slot. Subtract from this distance the height of the bottom door section. This will give you the distance from the bottom of the lock section to the drilling location of the middle lock hole.

NOTE: All holes must be drilled from the outside through the door with a sharp hole saw to ensure a clean cut. Use care to prevent damaging the door.

Step L2-C: Slide the outside T-handle (1) through the top and bottom holes in the section.

Step L3-C: Attach the backing plate (2) to the outside T-handle using two #10 x 24 machine screws (3).

Step L4-C: Slide the inside release handle (4) over the shaft of the outside handle and secure in place using the push nut (5). Be sure the push nut is pressed firmly against the inside release handle.

Step L5-C: Slide the vinyl sleeve (6) over the arm of the inside release handle.

Return to Step 9 in the MANUAL and finish installing the door before proceeding to Step L6 on page 4 of this supplement.

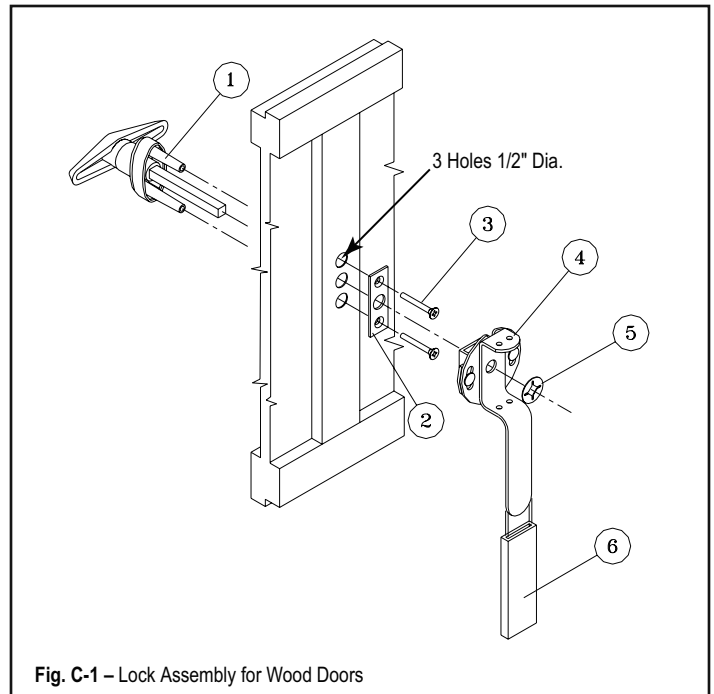


Fig. C-1 – Lock Assembly for Wood Doors

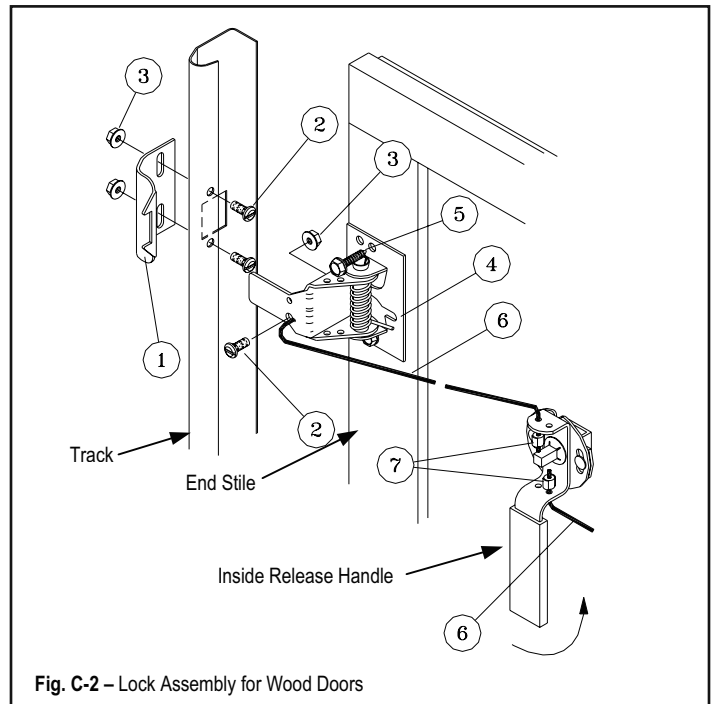


Fig. C-2 – Lock Assembly for Wood Doors

Installing Spring Latches, Striker Plates, and Lock Cables

NOTE: If attaching an automatic garage door opener, the striker plates and spring latches should not be installed.

Step L6: Once the door is completely assembled, attach the striker plate to the track using two 1/4" x 5/8" track bolts and two 1/4" hex flange nuts. Insert bolts through the two 9/32" holes located top and bottom of the rectangular lock slot. Be sure the striker plate wraps around the back of the track as shown. Do not tighten.

Step L7: Place the spring latch on the end stile of the door section and align the spring latch with the striker and the holes in the stile. Secure using two #14 x 5/8" sheet metal screws (1/4" x 1" lag screws for wood doors). Make sure that the striker fits around the spring latch and secure in place.

Step L8: If the lock is located in the center of the door width, cut the lock cable in half and go to Step L10. Otherwise, rotate the inside release handle counterclockwise until it stops. Measure from the top left hole in the handle to the end of the left spring latch.

Step L9: Take the lock cable and, using the measurement just obtained, measure from the inside of the cable stop and cut the cable.

Step L10: Thread the cable through the left hole in the top of the inside release handle from the underside until the stop button comes into contact with the handle. Extend the cable to the left spring latch and feed the end of the cable into the hole as shown, and secure in place with one 1/4" x 5/8" track bolt and 1/4" nut. Be sure to pull cable taut before securing in place.

Step L11: Repeat for other side using the remaining cable and the right hole on the lower part of the handle. Some torsion spring doors have only one spring latch.

NOTE: Key Blanks are available. Call the toll-free Consumer Services number located on the front of the MANUAL.

Return to step 13 in the MANUAL and complete installation of the door.

#1 Lock Hole Drilling Pattern (Full Scale)

